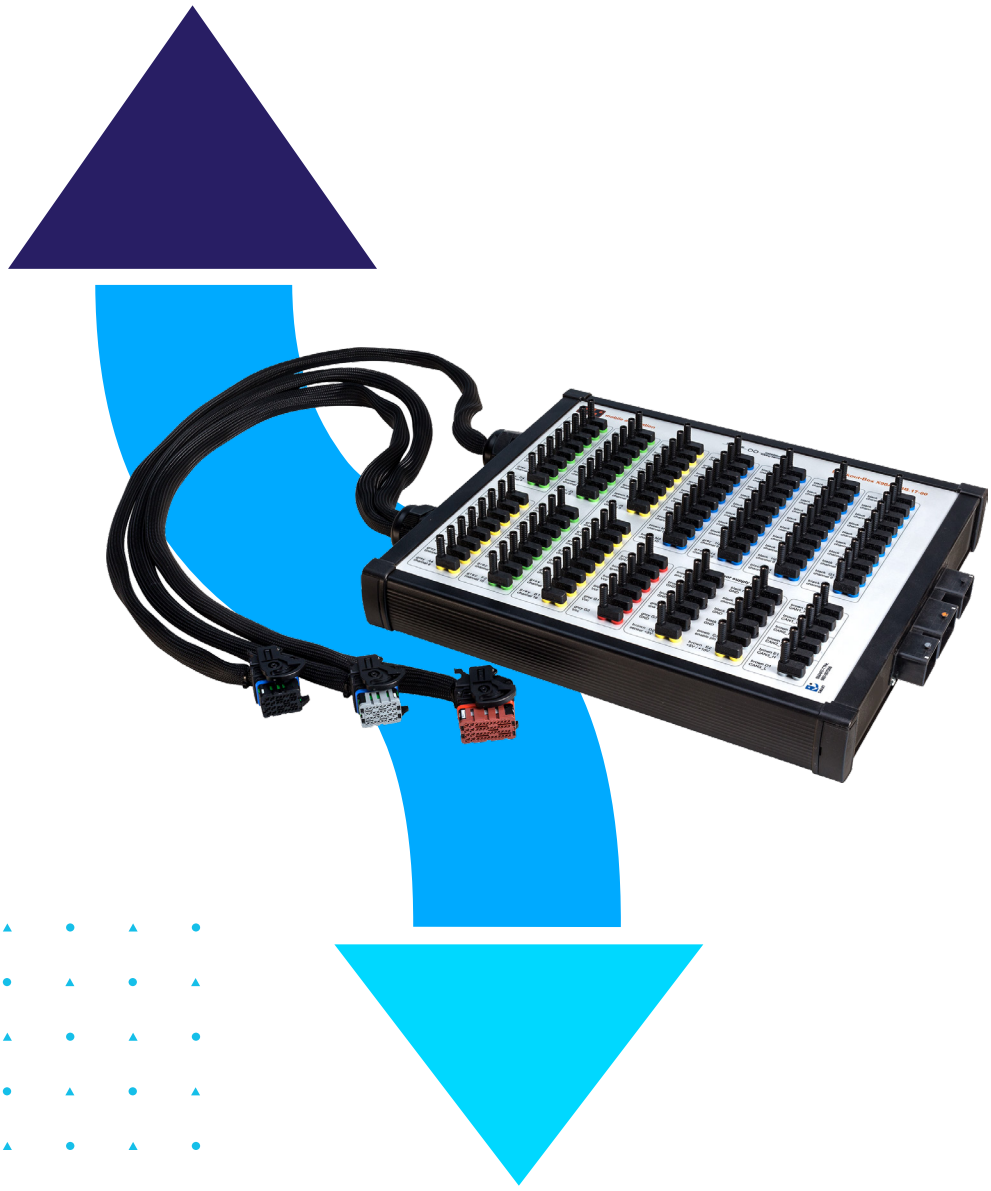
PRODUCT DIVISION
CONNECT

SMART
TESTSOLUTIONS

BREAKOUT BOXES

BREAKOUT BOXES AND CONNECTION BOXES FROM THE AUTOMOTIVE SPECIALIST



WHEN IT COMES TO BREAKOUT BOXES, GO FOR QUALITY.

In addition to breakout boxes and connection boxes, we also produce wiring harnesses and adaptor cables, precision engineered and cost-effective atour factory.

German Automotive Know-how Guaranteed

We have over 30 years experience in the field of electronic testing, working in close cooperation with our customers.
This experience has made us a competent and trusted partner in the automotive industry. We deliver the right answers to our customer's questions and provide precision engineered solutions for any technical requirements that you have. Our range of wiring expertise extends from simple adapter cables through to complex cable harnesses systems with many hundreds of connections.

No compromise on quality.

With our talented and flexible production team and many years of experience in the processing of automotive-specific cables and connectors, we offer the highest quality solutions.

Save time & money with us in just 3 steps.

1

Get to know us in person let us discuss your project.

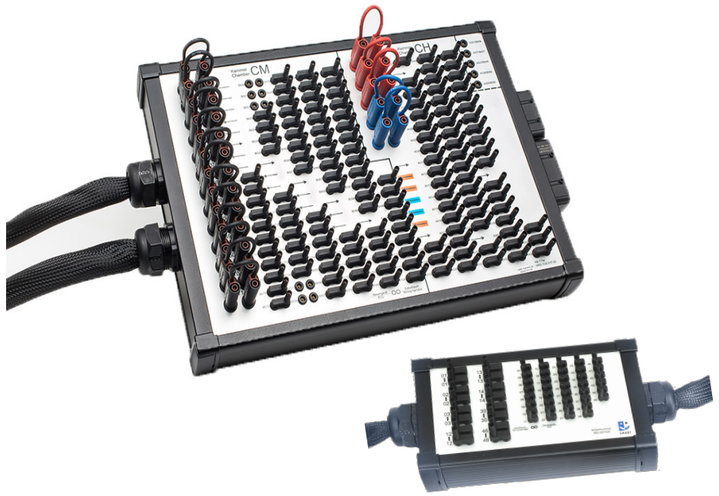
2

We develop the optimal solution for the perfect connection.

3

You receive our precision engineered Product delivered on time.

First-Class Signal Quality - Extreme Durability.



1 Standard Breakout Boxes

We manufacture standard separating adapters from individual pieces to small series, 100 per cent according to your design specifications. On request, we can take over the complete procurement of the control unit-specific parts. In this way, you benefit from our first-class network of contacts to connector manufacturers and OEMs.

2 Customised Solutions

Do you need a separation adapter that is built into a handy case? Or a solution that can do more than just tap signals?
No problem: we manufacture individually according to your requirements and wishes. For example, special solutions with built-in potentiometers, switches, measuring devices, voltage sources or simulation circuits.

Reasons for using breakout boxes from SMART TESTSOLUTIONS:

- Individual front panel design in collaboration with the customer
- Short lead times: usually two to three weeks
- Procurement of the ECU connectors by SMART
- Extensive ECU and test system know-how
- In house purchasing and Research & Development department
- Innovative grouting process that guarantees superior vibration resistance and long durability
- Storage of excess production quantities on request

3 Individual Front Panel Design

Thanks to our flexible production team and its many years of experience in processing automotive-specific connectors, we can implement individual customer requirements perfectly. We also focus entirely on our customers' wishes when it comes to the design of the front panels and can supply interchangeable front panels if required.

4 Connection Boxes

With individual connection boxes, for example, you contact new DUTs with existing test systems or connect additional sensors. We also manufacture power and signal distributors individually according to your specifications, but always contribute our know-how to realize the best solution for you.

5 Intelligent Breakout Box

Our TCFS box is an automated separation adapter for the hardware function test. For example, this can be used to automatically test for short circuits between two pins or short circuits after FailRail 1 or 2.

6 Innovative Potting Process

Our highly efficient potting process guarantees superior vibration resistance as well as long durability and ensures that the plug connection is watertight. The cables that come out can be bent right behind the plug. This saves space in tight engine compartments.

BE SMARTER
And call us.

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